| · • | Service Control of the Control of th | | | UTAH O | IL AND GAS C | ONSERVATION (| COMMISSION | N GAS | WELL | | | 20: |
|---------------|--|-----------|----------------|------------|--------------|-----------------|----------------|-------------------|-------------------|----------------|-----|----------------|
| REMARKS: | WELL LOG | ELE | CTRIC LOGS | FILE_ | X WATER SAN | DSLOCA | TION INSPECTED | D | su | B. REPORT/abd. | | |
| APA | O hear | rideo | 2-1 | rilure. Z | asus | (in r | asono | role i | time | | | |
| | | | X | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | 111 | |
| DATE FILED | 1-27-8 | | | | | | | | | | | |
| LAND: FEE & | PATENTED FE | E STATE I | EASE NO. | | | PUBLIC LEASE NO | | | | INDIAN | | |
| DRILLING APP | ROVED: 2 | 6.81 | 2-9- | 8/ | | | | | | | | |
| SPUDDED IN: | | | | | | | | | | | | |
| COMPLETED: | | | PUT TO | PRODUCING: | | | | | | | | |
| INITIAL PROD | OUCTION: | | | | | | | | | | | |
| GRAVITY A.P.I | l | | | | | | | | | | | |
| GOR. | | | | | | | | | | | | |
| PRODUCING 2 | ZONES: | | | | | | | | | | | |
| TOTAL DEPT | H: | | 4. • | | | | | | | | | |
| WELL ELEVAT | TION: 75^{-} | 651 | 6L | | | | | | | | | |
| DATE ABAND | ONED: | 12.24 | 11 | | | | | | | | | |
| FIELD: | Anschutz | Ranch | East | 3/86 | | | | | | | 400 | |
| UNIT: | | | | | | | | | | | | |
| COUNTY: | Summit | | | | | | | | | | | |
| WELL NO. | CHAMPLI | N 458 | AMOCO " | D'' #4 | | API NO. | 43-043 | <u>-30163</u> | | | | |
| LOCATION | 26 | 515' F | т. FROM 📆) (S) | LINE. | 2521' | FT. FROM (E) |) LINE. | NW ¹ 4 | SE ¹ 4 | 1/4 — 1/4 SEC. | 29 | |
| | | | | | | ·- | | | | | | |
| T W P. | RGE. | SEC. | OPERATOR | | | TWP. | RGE. | SEC | OPERATOR | | | |
| 44 | 8E | 29 | AMOCO | PRODUCTION | co. | | 1 | | | | | · . |

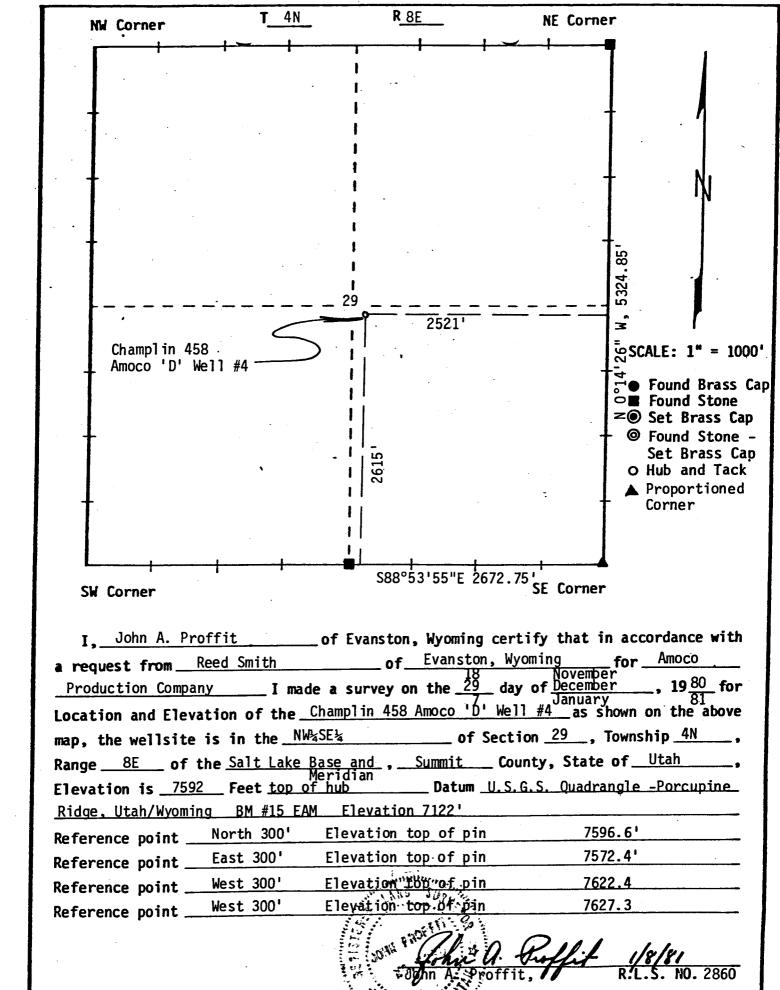
Form OGC-1a

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. Lease Designation and Serial No.

| | Fee |
|--|---|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK | 6. If Indian, Allottee or Tribe Name |
| DRILL X DEEPEN PLUG BACK | 7. Unit Agreement Name |
| b. Type of Well Oil Gas XX Other Single Zone Other Zone | 8. Farm or Lease Name |
| Well Well MA Other Zone Zone 2. Name of Operator | Champlin 458 Amoco ''D'' |
| Amoco Production Company | |
| 3. Address of Operator P.O. Box 17675 Salt Lake City, Utah 84117 | 10. Field and Pool, or Wildcat |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.*) | Anschutz Ranch East |
| MW/4 SE/4 Section 29 2521' FEL & 2615' FSL | 11. Sec., T., R., M., or Blk. and Survey or Area Section 29 T4N-R8E |
| At proposed prod. zone | Section 29 T4N-R8E |
| BHL-W/4 SE/4 Section 29 2140' FEL & 2140' FSL 14. Distance in miles and direction from nearest town or post office* | 12. County or Parrish 13. State |
| Approximately 7 miles southeast of Castle Rock, UT | Summit Utah |
| 15. Distance from proposed* 16. No. of acres in lease 17. No. | of acres assigned his well |
| property or lease line, ft. (Also to nearest drlg. line, if any) | |
| 18. Distance from proposed location* 19. Proposed depth 20. Rots | ry or cable tools |
| to nearest well, drilling, completed, or applied for, on this lease, ft. 14,065'Nugget Rota | 22. Approx, date work will start* |
| 21. Elevations (Show whether DF, RT, GR, etc.) 7565 GL | When approved |
| 23. PROPOSED CASING AND CEMENTING PROGRAM | |
| Size of Hole Size of Casing Weight per Foot Setting Depth | Quantity of Cement |
| 17岁'' 13 3/8'' 61 & 68# 2000 ' | Girc 113 |
| 12½'' 9 5/8'' 40, 43.5, 53.5 9550' | C) (a) (*) (b) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d |
| & 62.8# | 30 |
| 8½'' 7'' 23, 29, & 32# 14,065' | * * |
| * As determined from logs | C.1.1 10 |
| ū | DIVISION OF |
| PROPOSE TO DEVELOP NUGGET RESERVES | OIL, GAS & MINING |
| See attachments | |
| Well to be drilled in accordance with the Order issued in Cau | ise #183-2 dated 4-23-80 |
| Well to be differ in decoration with the order industrial | , |
| APPROVED BY THE DIVISION | |
| | |
| OF OIL, GAS, AND MINING | |
| DATE: 2-6-81 | |
| BY: M.J. Mlunder | |
| IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and meas | |
| preventer program, if any. | |
| Signed E Mulabay Title Administrative Superv | isor _{Date} 1-22-81 |
| (This space for Federal or State office use) | |
| Permit No | |
| | • |
| Approved by Title | Date |
| The state of the s | |



DATE: 1-8-81

80-10-77

JOB NO.:

TATE 808 MAIN STREET, EVANSTON, WYOMING

Attachment To Form OGC-la

Champlin 458 Amoco 'D' #4

- 1) Geologic name of the surface formation: Tertiary
- 2) Estimated tops of geological markers:

| Marker | Depth |
|------------|---------|
| Frontier | 1965' |
| Gannett | 4965' |
| Preuss | 7965' |
| Salt | 89651 |
| Twin Creek | 9465' |
| Nugget | 10,965' |

3) Estimated depths anticipated to encounter water, oil, gas or other mineral bearing formations:

See Item #2, above

- 4) Casing Program: See form OGC-la Item #23
- 5) Operators minimum specifications for pressure control equipment are explained on attached schematic diagram. Testing of such is to be performed daily and noted on the IADC Daily Drilling Report. After running surface casing and prior to drilling out, BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. There after, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.

6) Mud Program

| App. Interval | Type Mud | Wt. #/gal | Viscosity | W.L. cc/30m | Other Spec's |
|------------------------|----------------|---------------------|-----------------------------------|-------------------------|--------------------|
| 0-2000' 2000'-9600' | Native LSND | 8.3-8.5 8.7-10.5 | As required Greater than 40 | NC Less than 20cc | Modified Salt mud. |
| 9600'-14,065' | LSND | 8.7-9.0 | 32-40 | Less than 20cc. | |

7) Auxilliary Equipment

Kelly cock: floor sub with a full opening valve, 3" choke manifold with remote control choke,

8) Testing Program

Two-man mud logger Surface-TD
DST As Appropriate

Logging Program

Type Depth Interval
DIL-GR * Surface-TD
DLL-MSFL ** Surface-TD

Type

FDC-CNL w/GR caliper

FIL-Dipmeter

BHC Sonic w/GR caliper

Depth Interval

Surface-TD

Surface-TD

Surface-TD

* If mud is fresh ** If mud is salty

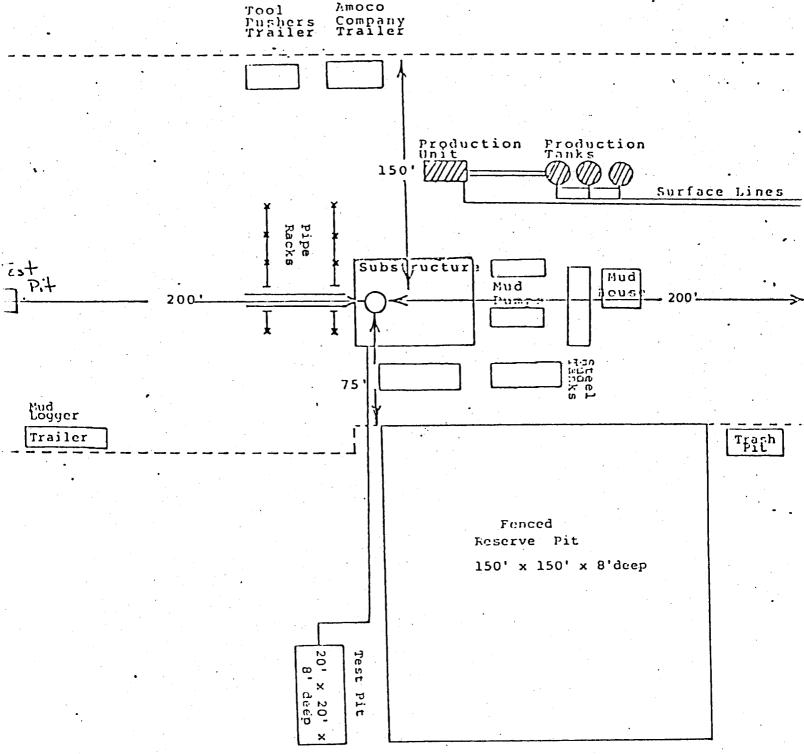
Coring Program

None

Stimulation Program

Nugget - perforate w/4 JSPF and acidize w/50 to 100 gallons 15% HCL per foot of perforation.

- 9) No abnormal temperatures, pressures, or H₂S are anticipated.
- 10) Anticipated starting date will be when approved and the duration of the operations will be approximately 180 days.



Shows permanent production equipment to be installed after drilling rig has moved out.

---= Dotted lines indicated perimeter of leveled location.

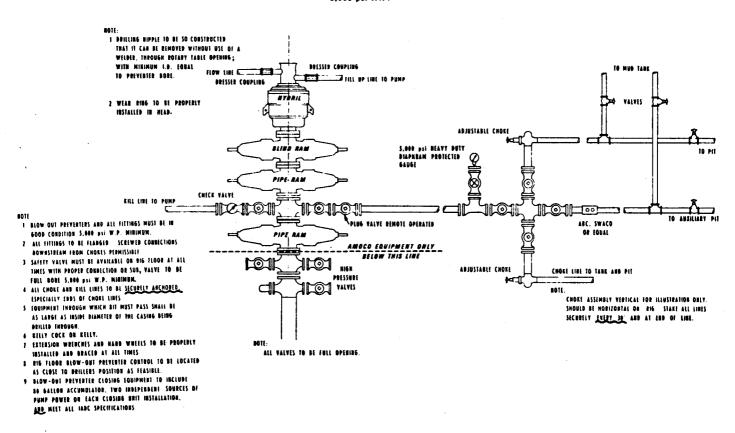
The fenced pit used for production will be covered if any fluid is present. The drilli and production pads will be constructed with doxers and graders using native material.

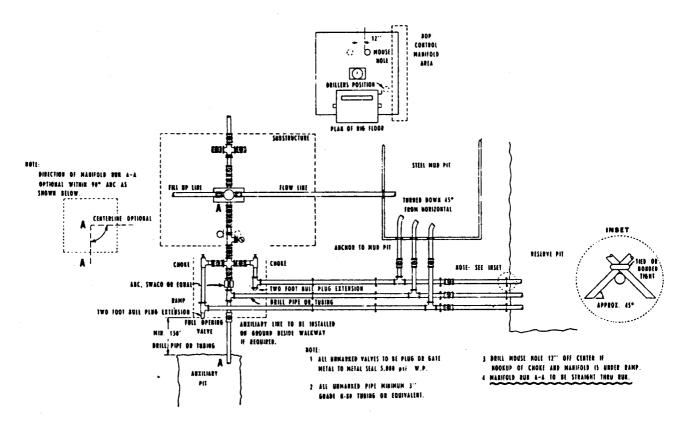
TYPICAL LOCATION LAYOUT A DOO PRODUCTION COPPANY
P. O. Box 17675
SALT LAKE CITY, UTAL 84117

EXHIBIT 'D'

DIVISION OF OIL, GAS & MINING

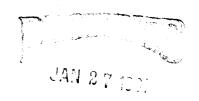
EXHIBIT BOP-5000 MINIMUM BLOW-OUT PREVENTER REQUIRMENTS 5,000 pai W.P.





Amoco Production Company STANDARD ASSEMBLY FOR FLUID OPERATED TRIPLE BLOW-OUT PREVENTER 8,000 psi W.P.

1-31-75



DIVISION OF OIL, GAS & MINING

** FILE NOTATIONS **

| DATE: Feb 2, 1981 |
|---|
| OPERATOR: amoco Production Company |
| WELL NO: Champlin 458 amoco"D" -#4 |
| Location: Sec. 29 T. 4N R. 8E County: Summit |
| File Prepared: Entered on N.I.D: |
| Card Indexed: Completion Sheet: |
| API Number <u>43-043-30163</u> |
| CHECKED BY: |
| Petroleum Engineer: M. S. Munder 2-6-81 |
| |
| Director: |
| |
| Administrative Aide: Okas per order below-Well is in SE of |
| APPROVAL LETTER: |
| Bond Required: / Survey Plat Required: / |
| Order No. 183-2, 4-10-80 O.K. Rule C-3 |
| Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site |
| Lease Designation Jel Plotted on Map |
| Approval Letter Written |
| Hot Line P.I. |

February 9, 1981

Amoco Production Company P. O. Box 17675 Salt Lake City, Utah 84117

Re: Well No. Champlin 458-Amoco "D" #4 Sec. 29, T. 4N, R. 8E Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 183-2, dated April 10, 1980.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-043-30163.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder Petroleum Engineer

all filler and an

/ko cc:



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 15, 1981

Amoco Production Company
P. O. Box 17675
Salt Lake City, Utah 84078

Re: See Attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

CARI FURSE CLERK TYPIST WELL # Louisiana Land & Exploration Federal 1-34 Sec. 34, T. 8N, R. 6E, NE SE Rich County, Utah

Well # Champlin 55-1 Amoco "B" #1 Sec. 33, T. 3N, R. 4E Summit County, Utah

Well No. State of Utah "S" #1 Sec. 30, T. 3N, R. 7E, NW SW Summit County, Utah

Well No. Howell Livestock "B" #1 Sec. 6, T. 3N, R. 8E Summit County, Utah

Well No. Island Ranching "D" #1 Sec 14, T. 4N, R. 7E Summit County, Utah

Well No. Island Ranching"E " #1 Sec 36, T. 4N, R. 7E Swmmit County, Utah

Well No. Champlin 458 Amoco "D" #4 Sec 29, T. 4N, R. 8E Summit County, Utah

Well No. Champlin 458 "E" WIU # 1 Sec, 31, T. 4N, R. 8E Summit County, Utah

Well No. Champlin 458 "E" WIU #2 Sec. 31, T. 4N, R. 8E Summit County, Utah

Well No. Island Ranching "E" #2 Sec. 36, T. 4N, R. 7E Summit County, Utah

Well No. Champlin 846- Amoco "B" 1 Sec. 19, T. 5N, R. 8E Summit County, Utah

Well No. M.A. SMith #2 Sec. 16, T. 3S, R. 10W

Wasatch County

Well No. Island Ranching #C 1 Sec. 26, T. 4N, R. 7E Summit County

Well No. Thousand Peaks Ranching WIU #1 Sec. 32, T. 4N, R. 8E Summit Cou-nty, Utah

DEPARTMENT OF NATURAL RESOURCES

SUBM' CRIPLICATE*
(Other cructions on reverse side)

| DIVISIO | ON OF OIL, GAS, AND MI | NING | 5. LEASE DESIGNATION | AND SERIAL NO. |
|--|------------------------------|-----------------------------|---|-------------------|
| | | | Fee | |
| SUNDRY NOTI | CES AND REPORTS C | | 6. IF INDIAN, ALLOTTE | E OR TRIBE NAME |
| OIL GAS XX OTHER | | | 7. UNIT AGREEMENT NA | MB |
| 2. NAME OF OPERATOR | ODUCTION COMPANY | | 8. FARM OR LEASE NAM | |
| 3. ADDRESS OF OPERATOR | DIOCITON CONTAIN | | Champlin 458 | Amoco ''D'' |
| P.O. Box | 17675 Salt Lake C | Sity, Utah 84117 | <i>‡</i> 4 | |
| 4. LOCATION OF WELL (Report location cle See also space 17 below.) At surface | | State requirements.* | Anschutz Rar | |
| 2521' FEL & 20 | 615' FSL | | 11. SEC., T., R., M., OR S SURVEY OR AREA | LE. AND |
| | | | Sec. 29, T41 | • |
| 14. PERMIT NO. 43-043-30163 | 7565 GR | RT, GR, etc.) | 12. COUNTY OR PARISH Summit | 18. etata Utah |
| 16. Check App | propriate Box To Inclicate N | ature of Notice, Report, or | Other Data | |
| NOTICE OF INTENT | TON TO: | SUBSI | QUENT REPORT OF: | |
| TEST WATER SHUT-OFF | ULL OR ALTER CASING | WATER SHUT-OFF | REPAIRING V | |
| | ULTIPLE COMPLETE | FRACTURE TREATMENT | ALTERING CA | <u> </u> |
| | BANDON* | Other) REPORT | OF OPERATIONS | XX |
| (Other) | | (NOTE: Report resul | ts of multiple completion of appletion Report and Log for | on Well |
| | | | h | |
| The subject s | site remains a locat | ion only - anticipa | te well | (P.) |
| to be drilled | d during 1982 | | OIT CAE | 8 W. C. L. 1871. |
| 18. I hereby of the the feregoins is SIGNED (This space for Federa or State office | | inistrative Supervi | sor DATE 1-5 | 5-82 |



4241 State Office Building • Salt Lake City, UT 84114 • 831-533-5771

March 21, 1983

Amoco Production Company P. O. Box 17675 Salt Lake City, Utah 84117

Re: See attached list of wells

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a <u>firm</u> second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

eri Furse

Cari Furse

Well Records Specialist

CF/cf

Well No. Champlin 392 Amoco 'B' # 1 Sec. 1, T. 5N, R. 6E. Rich County, Utah

Well No. Champlin 391 Amoco 'B' # 1 Sec. 7, T. 6n, R. 7E. Rich County, Utah

Well No. Champlin 425 Amoco 'B' # 1 Sec. 3, T. 2N, R. 4E. Summit County, Utah

Well No. Champlin 544 Amoco 'B" # 1 Sec. 1, T. 3N, R. 7E. Summit County, Utah

Well No. Champlin 389 Amoco 'B' # 1 Sec. 31, T. 3N, R. 7E. Summit County, Utah

Well No. Thousand Peaks Ranches "B" # 2 Sec. 6, T. 3N, R. 8E. Summit County, Utah

Well No. Thousand Peaks Ranches 'B' # 1 Sec. 6, T. 3N, R. 8E. Summit County, Utah

Well No. Champlin 406 Amoco 'B" # 1 Sec. 19, T. 4N, R. 7E. Summit County, Utah

Well No. Island Ranching "E" # 1 Sec. 36, T. 4N, R. 7E. Summit County, Utah

Well No. Champlin 458 Amoco 'G' # 2 Sec. 17, T. 4N, R. 8E. Summit County, Utah

Well No. Champlin 458 Amoco 'D' # 4 Sec. 29, T. 4N, R. 8E. Summit County, Utah

Well No. Thousand Peaks Ranches WIU # 2 Sec. 32, T. 4N, R. 8E. Summit County, Utah

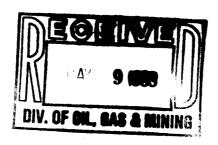
Well No. M. A. Smith # 2 Sec. 16, T. 3S, R. 10W. Wasatch County, Utah

--- TATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

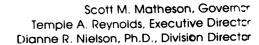
| | DIVISI | 5. LEASE DESIGNATION AND SERIAL NO. FEE | | | | | |
|-----|--|---|--------------------------------|--|-----------------------|--|--|
| | | ICES AND REPORTS (sals to drill or to deepen or plug ation FOR PERMIT—" for such p | | 6. IF INDIAN, ALLOTTEE | OR TRIBE NAME | | |
| 1. | OIL GAS X OTHER | | | 7. UNIT AGREEMENT NA | мв | | |
| 2. | NAME OF OPERATOR | | | 8. FARM OR LEASE NAM | 8. FARM OR LEASE NAME | | |
| | AMOCO PRODUCT | TON COMPANY | | Champlin 458 A | Amoco "D" | | |
| 8. | ADDRESS OF OPERATOR | | | 9. WELL NO. | | | |
| | P. O. Bos 17675 - Salt | #4 | | | | | |
| 4. | LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface | | | 10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East 11. SEC., T., R., M., OR BLE. AND | | | |
| | 2521' FEL & 2615' FSL | | | Sec. 29, T4N, | R8E | | |
| 14. | PERMIT NO. | 15. BLEVATIONS (Show whether DE | , RT, GR, etc.) | 12. COUNTY OR PARISH | 18. STATE | | |
| | 43-043-30163 | 7565' GR | | Summit | Utah | | |
| 16. | Check Ap | | lature of Notice, Report, or (| Other Data | | | |
| | | | | | | | |
| | TEST WATER SHUT-OFF | PULL OR ALTER CASING | WATER SHUT-OFF | REPAIRING W | | | |
| | FRACTURE TREAT | AULTIPLE COMPLETE | FRACTURE TREATMENT | ALTERING CA | | | |
| | SHOOT OR ACIDIZE | ABANDON* | SHOOTING OR ACIDIZING | ABANDONMEN | | | |
| | REPAIR WELL | HANGE PLANS | (Other) Report of | Operations XX s of multiple completion on Well | | | |
| | (Other) | | Completion or Recomp | letion Report and Log for | m.) | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

It is still intended that the subject well will be drilled; therefore, please maintain a current status on existing permits.



| 18. I hereby certify that the foregoing is true and correct SIGNED | Staff Admin. Analyst (SG) | DATE 4-2583 |
|--|---------------------------|-------------|
| (This space for Federal or State office use) | MVMV D | 77.4 (70.9) |
| APPROVED BY | TITLE | DATE |





4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 18, 1984

Amoco Production Company P.O. Box 829 Evanston, Wyoming 82930

Gentlemen:

Re: Well No. Champlin 458 Amoco "D"#4 - Sec. 29, T. 4N., R. 8E. Summit County, Utah - API #43-043-30163

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, without prejudice, effective one calendar month from the date of this notice.

A new "Application for Permit to Drill" must be filed with this office for approval, <u>prior</u> to future drilling of the subject location.

Sincerely,

J∕ohn R. Baza

Petroleum Engineer

clj

cc: Dianne R. Nielson Ronald J. Firth

File 00000009/1